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(54) Coast stop vehicle and control method for coast stop vehicle

(57) A coast stop vehicle includes a hydraulic pressure supplying unit which supplies a hydraulic pressure to the transmission (4) while the engine (1) is stopped, a coast stop start condition judging unit which judges whether or not a coast stop start condition holds, a coast stop control unit which stops the engine (1) when the coast stop start condition is judged to hold by the coast stop start condition judging unit and starts the engine (1) when receiving an acceleration request from a driver during the coast stop, a transmission control unit which causes a downshift of the transmission (4) when receiving the acceleration request from the driver during the coast stop, and a hydraulic control unit which supplies the hydraulic pressure to an after-shift frictional engagement element (32) which realizes a gear position after the downshift of the transmission (4) during the coast stop.

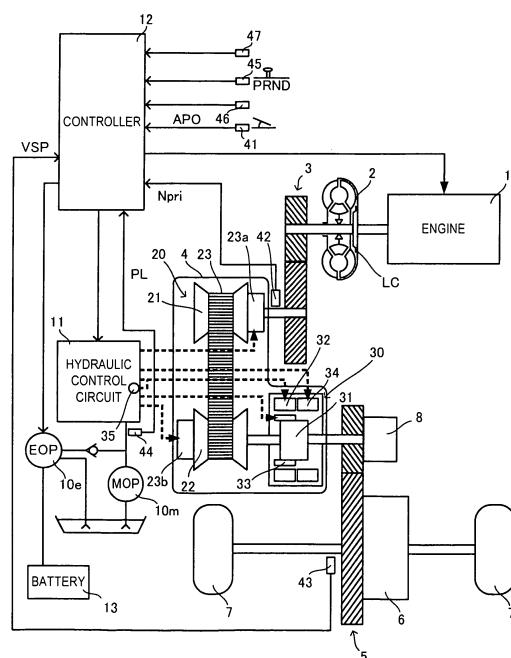


FIG. 1



EUROPEAN SEARCH REPORT

Application Number

EP 11 00 9034

DOCUMENTS CONSIDERED TO BE RELEVANT			CLASSIFICATION OF THE APPLICATION (IPC)																								
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<table border="1"> <tr> <td>Place of search</td> <td>Date of completion of the search</td> <td>Examiner</td> </tr> <tr> <td>Munich</td> <td>31 January 2014</td> <td>Müller-Nagy, Andrea</td> </tr> </table>				Place of search	Date of completion of the search	Examiner	Munich	31 January 2014	Müller-Nagy, Andrea																		
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<table border="1"> <tr> <td>CATEGORY OF CITED DOCUMENTS</td> <td colspan="3"></td> </tr> <tr> <td>X : particularly relevant if taken alone</td> <td colspan="3">T : theory or principle underlying the invention</td> </tr> <tr> <td>Y : particularly relevant if combined with another document of the same category</td> <td colspan="3">E : earlier patent document, but published on, or after the filing date</td> </tr> <tr> <td>A : technological background</td> <td colspan="3">D : document cited in the application</td> </tr> <tr> <td>O : non-written disclosure</td> <td colspan="3">L : document cited for other reasons</td> </tr> <tr> <td>P : intermediate document</td> <td colspan="3">& : member of the same patent family, corresponding document</td> </tr> </table>				CATEGORY OF CITED DOCUMENTS				X : particularly relevant if taken alone	T : theory or principle underlying the invention			Y : particularly relevant if combined with another document of the same category	E : earlier patent document, but published on, or after the filing date			A : technological background	D : document cited in the application			O : non-written disclosure	L : document cited for other reasons			P : intermediate document	& : member of the same patent family, corresponding document		
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DOCUMENTS CONSIDERED TO BE RELEVANT			CLASSIFICATION OF THE APPLICATION (IPC)
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	
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